Abstract

A reciprocating saw for use in oral cavity bone cutting operations, including a handle, a neck extended from the handle, and a head case to be coupled to an end of the neck. A motor is mounted inside of the handle. A slider shaft is mounted inside of the head case to form an angle of approximately 90° with respect to the neck, and moves in a straight linear reciprocating direction along the slider shaft. The slider and the motor are coupled by a power linkage device for converting rotational power of the motor to a straight linear reciprocating movement of slider whereby a direction of the bone cutting operation performed by a saw member or a file member attached to the slider forms an angle of approximately 90° with respect to an approach direction of the handle, and provides a significantly high efficiency in bone cutting operations since the bone cutting operation can be performed in a narrow space, while ensuring a wide field of view. In addition, an upper cut off portion of a mandible to which a conventional saw has a difficulty in approaching, can be easily approached and cut off.